Wide Screen Television

28PW8504

NICAM

Product highlights

- *100 Hz Digital Scan*
- *CrystalClear III with Dynamic Contrast*
- *Wide Screen plus*
- *TXT/NexTView DualScreen*
- *nexTView (type 2)*
- *1200 pages EasyText teletext (level 2.5)*
- *Active control*
- *Improved Graphical User Interface*
- *Incredible surround*

Let's make things better.

PHILIPS

28PW8504
NICAM

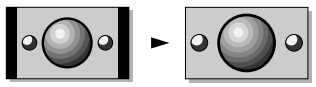
Product highlights

- ***100 Hz Digital Scan offers a flickerfree picture.***
- ***CrystalClear III with Dynamic Contrast*** *and Scavem, offers a crisp and natural picture*
- ***WideScreenplus line interpolation*** *for enhanced resolution and picture quality.*
- ***Incredible Surround***
  For enhanced stereo effect
- ***nexTView Program Guide*** *(type 2)*
  Direct access of program info of selected channel and direct program category selection
- ***For /19: nexTView*** *(type 3)*
  Direct access of program info of all channels (1week) and automatic programming of VCR
- ***TXT/NexTView DualScreen***
  picture + TXT or
  picture + NexTView.
- ***1200 Pages EasyText teletext*** *(level 2.5)*
- ***Active Control***
  Automatic Digital Noise Reduction, Auto Sharpness, auto screen fit Smart Controls. Automatically offers the best picture setting.
- ***Improved Graphical User interface.*** *Easy menu control of all functions,*
- ***Full digital sound processing***

Supporting Features

- *Blackline-S Ultra Flat picture tube*
- *Digital Colour Transient Improvement (CTI)*
- *Picture freeze and strobe*
- *Viewing modes: 4:3, Movie Expand 14:9 & 16:9(scroll), Subtitle zoom (scroll), Wide Screen, Auto format including auto screen fit: automatic perfect fit by continuous zoom in both directions.*
- *EasyTune (auto store, ACI and ATS)*
- *Easy Link + Nextviewlink*
- *Low power standby*
- *70W music output*
- *Dynamic Bass Enhancement*
- *Independent headphone volume control*

Auto Screen Fit viewing



any picture format — auto bi-directional zoom without visible distortion

Technical specifications

Chassis
- Type: FL8a MG

Picture
- Screen diameter: 28"70cm
- Visible screen size: 66cm
- Picture tube: Blackline-S Ultra Flat 16:9
- Image stability: 100Hz Digital Scan
- S-Video display
- Smart Picture control (5 modes)
  - Soft, Natural, Rich, Multi media, Personal
- Brightness, contrast, tint, sharpness, colour control

Sound
- Sound system: 2 speaker HiFi stereo
- Output (total): 70W music output
- NICAM stereo
- Frequency response:
  20Hz-15kHz, +1/-3dB (ampl.)
- Loudspeakers:
  - 2 x Full range 2x6"
- Smart Sound control
  - Movie, Speech, Music Personal
  - Balance / bass / treble control

Operation
- Easymenu driven installation and operation. Direct acces menu's and cursor control.
- Selection of 22 menu languages
- 100 preselections
- Multi-function RC handset controlling
  - TV, VCR, DVD
- On screen status display on programmes and functions (OSD)
- Sleeptimer up to 180 minutes
- Electronic lock for parental control
- Favourite programme selection
- Programme title display (transmitted by TXT)
- On screen menu display:
  - Picture menu, Sound menu, Features menu, Program list, , Set-up menu, Installation menu, Program name giving, Language and country selection,
- TXT/NexTView DualScreen
- Dealer message and demo modes
- Dealer Link; wireless communication for installation and service.

Reception
- Tuning system: 100 fold PLL
- Colour transmission systems
  Off-air:
  - /05, /19: PAL B/G/I + SECAM B/G/L/L'
  - /12: PAL B/G + SECAM B/G/L + NTSC M
  - /58: PALB/G + SECAM B/G/D/K

  A/V connections:
  PAL B/G
  PAL I (UK only)
  SECAM B/G
  NTSC video play back
- Channel selections: 120 channels
  VHF, UHF, S-Channels, Hyperband
- Frequency range: (47.25-855.25MHz)
- Aerial input: 75 Ohm (Coax)
- VCR preselections: 0; 50-99
- Frequency / Channel selection (Germany, Austria and Benelux only)

Teletext
- EasyText teletext (level 2.5): fast access to preferred pages and subcode page scroll
- Recept. standards: WST / TOP / FLOF
- Page memory: 1200 pages A.I. used for
  - Habit watch, preferred page and subcode page lists
  - favorite pages
- Program independent subtitles

Remote Control
- RC type: RC 2020

Connections
- Front
  - S-Video in
  - video CVBS-in (cinch)
  - audio L/R-in (cinch) with automatic mono switching
  - headphone jack 3.5mm
- Rear
  - Euro A/V connector blue (RGB-in; CVBS-in/out) with auto image format detection
  - Euro A/V connector blue (RGB-in; Y/C-in/out; CVBS-in/out) with WYSIWYR select and image format detection
  - stereo audio-out (cinch)

Miscellaneous
- Ambient temperature : +5/+45°C
- Mains : AC 220-240V ± 10%
- Power consumption:
  <104W; Stand by: 0,34W
- Weight :33,5kg (excl. packaging)
- Dimensions (wxhxd): (excl. connections)
  80.8x50.2x52.1cm

RC 2020

Release date	:	Sept '99
Predecessor(s)	:	28PW8505
Date of issue	:	June '99